Ruby - Misc #14902

Replace benchmark/driver.rb with benchmark_driver.gem

07/08/2018 03:05 AM - k0kubun (Takashi Kokubun)

Status:	Closed
Priority:	Normal
Assignee:	k0kubun (Takashi Kokubun)
Description	

What's benchmark_driver.gem?

benchmark_driver.gem is a gem created by a project accepted as Ruby Association Grant 2017. <u>https://github.com/benchmark-driver/benchmark-driver</u>

This is built as a general-purpose benchmark driver for Ruby and allows to collect any metric and to output in any way by writing plugins.

Why to replace benchmark/driver.rb?

First of all, the benchmark_driver.gem is created as a successor of benchmark/driver.rb, requested by ko1 (author of benchmark/driver.rb).

After the yesterday's project report of Ruby Association Grant 2017, ko1 and I agreed to replace benchmark/driver.rb with benchmark_driver.gem.

So I'll start working on this.

How to replace benchmark/driver.rb?

Some metrics supported by benchmark/driver.rb can't be collected by benchmark_driver.gem by default for now, but I'll leave them as plugins of benchmark_driver.gem.

It's a gem implemented outside this repository, but I'm going to implement make task to clone the gem repository like simplecov.

Unfortunately the scripts in benchmark directory can't be run by benchmark_driver.gem by default. So I'll implement some wrapper script to allow benchmark_driver.gem to run them at first, rewrite benchmark scripts to benchmark_driver.gem format one by one, drop old scripts and benchmark/driver.gem in the end.

During the migration, I'm going to keep the interface of make benchmark and make benchmark-each, but directly running benchmark/driver.rb will be broken at some moment.

Associated revisions

Revision 3293322a39f9c9de11c54f9e9e78c55061ac2ce9 - 07/08/2018 02:38 PM - k0kubun (Takashi Kokubun)

benchmark: introduce benchmark_driver.gem

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benchmark/require.yml: renamed from benchmark/bm_require.rb, benchmark/prepare_require.rb benchmark/require_thread.yml: renamed from benchmark/bm_require_thread.rb, benchmark/prepare_require_thread.rb benchmark/so_count_words.yml: renamed from benchmark/bm_so_count_words.rb, benchmark/prepare_so_count_words.rb, benchmark/wc.input.base benchmark/so_k_nucleotide.yml: renamed from benchmark/bm_so_k_nucleotide.rb, benchmark/prepare_so_k_nucleotide.rb, benchmark/make_fasta_output.rb benchmark/so_reverse_complement.yml: renamed from benchmark/bm_so_reverse_complement.rb, benchmark/prepare_so_reverse_complement.rb, benchmark/prepare_so_reverse_complement.rb,

I'm sorry but I made some duplications between benchmark/require.yml and benchmark/require_thread.yml, and between benchmark/so_k_nucleotide.yml and benchmark/so_reverse_complement.yml.

If you're not comfortable with it, please combine these YAMLs to share the same prelude. One YAML file can have multiple benchmark definitions sharing prelude.

benchmark/driver.rb: Replace its core feature with benchmark_driver.gem. Some old features are gone for now, but I'll add them again later.

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@63888 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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History

#1 - 07/08/2018 02:38 PM - k0kubun (Takashi Kokubun)

- Status changed from Assigned to Closed

Applied in changeset trunk|r63888.

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#2 - 07/08/2018 09:14 PM - MSP-Greg (Greg L)

@k0kubun (Takashi Kokubun)

Thank you for your work on this. Somewhat off topic...

I ran the suite on ruby-loco, and the only change needed was adding the following line to file_rename.yml, before the max.times do line:

tmp.each { |t| t.close } if RUBY_PLATFORM[/mingw|mswin/]

Windows won't allow renaming an open file. Thanks, Greg